

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	400297	((outside outer external\$4) same (resist\$5 element\$3 component\$1 fuse) same (hous\$3 body envelope compartment case box\$2))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/06/11 13:33
L2	131382	1 and ((lamp tube bulb light\$3 vessel) same (hous\$3 body envelope compartment case box\$2))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/06/11 12:22
L3	10602	2 and (resist\$4 same ((outside outer external) near4 (hous\$3 body envelope compartment case)))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/06/11 12:22
L4	230	3 and ((resist\$4 near4 (outside outer external)) same (connect\$3 coupl\$3) same (lamp tube bulb light\$3 vessel))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/06/11 13:24
L5	152	4 and (diode\$2 zener limit\$5 fus\$5)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/06/11 12:25
L6	39	5 and ((abnormal\$5 surge excess\$4 prevent\$4 protect\$5) near5 (current voltage))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/06/11 12:29
L7	113	5 not 6	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/06/11 12:40
L8	3173	(315/82,80,81,185S,200A,312,314,320,322,323,324).cccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/06/11 12:39
L9	78	4 not (7 6)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/06/11 12:46
L10	89	(zener near8 (parallel near3 LEDs))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/06/11 13:07
L11	365	zener near8 (connect\$4 arrang\$4 coupl\$4) near8 parallel near10 (lamp tube light\$4 LEDs)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/06/11 13:50

L12	8472	(resist\$4 limit\$5 fus\$3) near8 (connect\$4 arrang\$4 coupl\$4) near8 series near10 (lamp tube light\$4 LEDs)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/06/11 13:14
L13	133	11 and 12	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/06/11 13:29
L14	8	13 and ((outside outer external\$4) same (resist\$5 element\$3 component\$1 fuse) same (hous\$3 body envelope compartment case box\$2))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/06/11 13:58
L15	25	13 and ((outside outer external\$4) same (resist\$5 element\$3 component\$1 fuse) and (hous\$3 body envelope compartment case box\$2))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/06/11 13:16
L16	17	15 not 14	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/06/11 13:24
L17	13	11 and ((outside outer external\$4) near6 resist\$5)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/06/11 13:22
L18	0	4 not (6 7 9 10 14 15 16 17)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/06/11 13:29
L19	0	11 and 3	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/06/11 13:29
L20	278	11 not (6 7 9 10 14 15 16 17)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/06/11 13:49
L21	69434	((outside outer external\$4) near5 (resist\$5 element\$3 component\$) with (hous\$3 body envelope compartment case box\$2))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/06/11 13:34
L22	69434	((outside outer external\$4) near5 (resist\$5 element\$3 component\$)) with (hous\$3 body envelope compartment case box\$2)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/06/11 13:34

L23	14731	22 and ((water\$5 air\$3) with (hous\$3 body envelope compartment case box\$2))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/06/11 13:48
L24	42	23 and ((resist\$4 limit\$5 fus\$5) with (connect\$4 arrang\$4 coupl\$4) with series with (lamp tube light\$4 LEDs))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/06/11 13:46
L25	12625	1 and ((\$7lamp \$6light 7\$tube) same (vehic\$7 \$5mobile))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/06/11 13:43
L26	1710	25 and ((resist\$4 limit\$5 fus\$5) with current)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/06/11 13:47
L27	651	26 and ((water\$6 air\$7) with (hous\$3 body envelope compartment case box\$2))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/06/11 13:48
L28	642	27 not (6 7 9 10 14 15 16 17 20 24)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/06/11 13:49
L29	31	28 and ((zener diode\$1) with (connect\$4 arrang\$4 coupl\$4) with (parallel series) with (lamp tube light\$4 LEDs))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/06/11 13:58
L30	22	(Tomoaki near3 Serizawa).in.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/06/11 14:27
L31	2	30 and ((outside outer external\$4) with (resist\$5 element\$3 component\$1 fuse) with (hous\$3 body envelope compartment case box\$2))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/06/11 14:00
L32	958	(Koito near3 Manufactur\$4).as.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/06/11 13:59
L33	42	32 and ((outside outer external\$4) with (resist\$5 element\$3 component\$1 fuse) with (hous\$3 body envelope compartment case box\$2))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/06/11 14:00

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S2	924	((Kazuhito near3 Iwaki)((Hitoshi near3 Takeda)((Masayasu near3 Ito)).in.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/06/10 12:25
S3	21	S2 and ((outside outer external\$4) same (resist\$5 element\$3 component\$1)) and ((inside inner internal within) same (limit\$4 resist\$5 zener diode))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/06/10 15:02
S4	123451	((outside outer external\$4) same (resist\$5 element\$3 component\$1) same (body hous\$3 envelop compartment)) and ((inside inner internal within) same (limit\$4 resist\$5 zener diode))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/06/10 14:33
S5	3173	(315/82,80,81,185S,200A,312,314,320,322,323,324).ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/06/10 12:42
S6	67	S4 and S5	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/06/10 13:09
S7	566	S4 and ("315"/\$7).ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/06/10 14:42
S8	133	S7 and ((abnormal\$5 surge excess\$4 prevent\$4 protect\$5) near5 current)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/06/10 13:45
S9	116	S8 not S6	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/06/10 13:22
S10	383	S7 not (9 8 6)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/06/10 13:47
S11	4444	(362/800,802,806,812).ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/06/10 13:43

S12	1333	(362/362,376,377,378).ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/06/10 13:44
S13	5688	11 12	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/06/10 13:44
S14	496	S13 and ((outside outer external\$4) same (resist\$5 element\$3 component\$1 fuse) same (hous\$3 body envelope compartment))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/06/10 15:05
S15	28	S14 and ((abnormal\$5 surge excess\$4 prevent\$4 protect\$5) near5 current)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/06/10 14:17
S16	453	S14 not (10 15 9 8 6)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/06/10 14:10
S17	4176	((resist\$5 element\$3 component\$1 fuse) near8 (outside outer external\$4) near9 (body hous\$3 envelop compartment case)) and ((limit\$4 resist\$5 zener diode) near9 (inside inner internal) near9 (body hous\$3 envelop compartment case))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/06/10 14:06
S18	23	S17 and ((resist\$5 element\$3 component\$1 fuse) near8 series near6 (lamp\$1 light\$3 tube\$1 bulb\$1))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/06/10 14:09
S19	810	S17 and (vehicle vehicular auto\$1mobile)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/06/10 14:09
S20	0	S14 not (16 23 10 15 9 8 6)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/06/10 14:10
S21	333	S19 not (16 23 10 15 9 8 6)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/06/10 14:19

S22	892	S17 and ((abnormal\$5 surge excess\$4 pre vent\$4 protect\$5 limit\$4 restrain\$ 5 restrict\$4 reduc\$3 lower) near5 (current lamp tube bulb light))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/06/10 14:46
S23	260	S22 not (21 18 16 23 10 15 9 8 6)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/06/10 14:42
S24	3269	((outside outer external\$4) near6 resist\$5) same (body hous\$3 envelop compartme nt case) and ((limit\$4 resist\$5 zener diode) same ((abnormal\$5 surge excess\$4 pre vent\$4 protect\$5 limit\$4 restrain\$ 5 restrict\$4 reduc\$3 lower) near5 (current lamp tube bulb light)))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/06/10 14:35
S25	113	S24 and ("315"/\$7).ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/06/10 14:44
S26	73	S25 not (23 21 18 16 23 10 15 9 8 6)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/06/10 14:44
S27	55	S24 and ("362"/\$7).ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/06/10 14:44
S28	34	S27 not (26 23 21 18 16 23 10 15 9 8 6)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/06/10 14:47
S29	441	S24 and (tail\$2light stop\$1light head\$light vehicular vehicle)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/06/10 14:46
S30	388	S29 not (28 26 23 21 18 16 23 10 15 9 8 6)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/06/10 14:48
S31	8	((("20040207342") or ("20040263340") or ("20040207341") or ("20040207328")).PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/06/10 14:52
S32	720	((Takahashi near3 Jun) (Koga near3 tomojuki)).in.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/06/10 15:02

S33	13	S32 and ((outside outer external\$4) same (resist\$5 element\$3 component\$1) and ((inside inner internal within) same (limit\$4 resist\$5 zener diode))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/06/10 15:05
S34	16	S32 and ((outside outer external\$4) same (resist\$5 element\$3 component\$1) and (limit\$4 resist\$5 zener diode)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/06/10 15:04
S35	3269	S24 not S33	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/06/10 15:04
S36	4	S32 and ((outside outer external\$4) same (resist\$5 element\$3 component\$1 fuse) same (hous\$3 body envelope compartm ent case))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/06/10 15:06
S37	386913	((outside outer external\$4) same (resist\$5 element\$3 component\$1 fuse) same (hous\$3 body envelope compartm ent case))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/06/10 15:06